

Oliver J Kiemschies

From: George Velev <velev@fnal.gov>
Sent: Monday, June 13, 2011 2:20 PM
To: Paul Czarapata; David Harding; Oliver Kiemschies; TJ Gardner; John Zweibohmer
Cc: Jamie Blowers; Steve Werkema; Cons Gattuso; Ioanis Kourbanis; Bill Pellico; Keith Gollwitzer; Paul Derwent; Ron Moore; Craig D. Moore; Erene Noyola; Mike Lamm; hs@fnal.gov
Subject: AD/TD Projects Meeting, June 15th at 1:30 pm, Industrial Central Building (ICB) engineering conference room

Dear all -

We are going to have our regular AD/TD Projects Meeting, June 15th at 1:30 pm. The meeting is in the ICB engineering conference room. Below, you can find the tentative agenda for the meeting.

George

AD/TD Projects Meeting
Wednesday, June 15th, 2011 1:30 PM
ICB engineering conference room
Archives for previous meetings can be found at:
http://tdserver1.fnal.gov/AcceleratorSupport/TD-BD_Meetings/

Linac:

[372](#) - we could not be able to fix the last blocker capacitors. It was return back as unrepairable.

[372](#) - Collecting info and looking at the design of the drift tubes quadrupoles. We have 6 dimensionally different quads, some of them without spares. Waiting for the drawings from BNL, we cut one quad for reverse engineering ...

[479](#)- RFQ source,
3 solenoids are built and measured - 2 are Ok, waiting for the data analysis on the 3rd one. A forth one, spare one, the parts are under a procurement.
ME quads: parts for 6 quads including the H&V dipole correctors, are ordered - 3 doublets (6 magnets with common stands) have to be produced. Some parts are received and inspected, 2 quad and 2 corrector coils are done
LE dipole correctors are awarded to Milhouse, we agreed on the design, waiting for final assembly drawing and start of the production.
2 Einzel lens are done.

Booster:

[372](#) - Vacuum repairs of Booster spare gradient magnets - magnet 49 (focusing) is done, we are working on magnet 48 (defocusing) to fix the leaks.

[462](#) - Booster kicker ceramic tubes
The R&D for the tube painting with Electrodag is finalized. We are

getting good results with Electrodag. About half a dozen test, varying the baking temperatures and durations, were done on old ceramic tubes. We are confident that after backing we can keep the resistance $> 500 \text{ k}\Omega$. 6 tubes are done and they show $\sim 1\text{-}2 \text{ M}\Omega$.

[372](#) - pole pieces for MV2 dipole spare are done, we are assembling the magnets with two new coil spares.

[491](#) - New job: Provide assistance in estimating the cost of producing new Booster RF Tuners and fixing the old ones, collecting information. We have the first cost estimation per tuner. We can start to discuss the cost and see where to go from here ...

MI:

[373](#) - Main Injector maintenance and repair

A IQG magnet is under modification to IQB -low priority; no progress.

[374](#) - P-bar - no current active jobs for P-bar

[376](#) - TeV - no current active jobs for TeV.

External beam lines:

[433](#) - No current active jobs for the external beamline maintenance and repair.

Next meeting? July 6th, July 13th or skip to August 2 nd?

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